

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 26787-C	SERIAL NO. 10/658,011	
	APPLICANT: KOPER, Olga, et al		
	FILING DATE: 09/09/2003	GROUP: 1754	CONF. NO: 4040

**U.S. PATENT DOCUMENTS**

EXAM. INITIAL		DOCUMENT NUMBER							INVENTOR NAME	CLASS	SUB-CLASS	ISSUE DATE (PATENT); PUBLICATION DATE (PUBLISHED APPLICATION); OR FILING DATE (NON-PUBLISHED APPLICATION)
/EMJ/	US	6	4	4	7	5	7	7	ESPIN, et al			September 10, 2002
/EMJ/	US	6	2	9	4	4	9	8	DARCISSAC, et al			September 25, 2001
/EMJ/	US	5	9	6	8	6	5	2	HANGGI, et al			October 19, 1999
/EMJ/	2002	0	0	3	5	0	3	2	KOPER, et al			March 21, 2002
/EMJ/	2002	0	1	0	4	8	0	1	VOUTE, et al			August 8, 2002

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
													YES	NO
/EMJ/	2001	5	7	4	4	0	8		June 19, 2001	JAPAN				

**OTHER DOCUMENTS (Including Publisher, Author, Title,  
Relevant Pages, and Date and Place of Publication)**

/EMJ/			Cleveland Clinic Foundation, Dept of Artificial Organs; P.S. Malchesky, W. Vames, W. Pixtkiowicz, Y. Nose; MEMBRANES CONTAINING SORBENTS FOR BLOOD DETOXIFICATION; Vol. XXIII Trans. Am. Soc. Artif. Intern. Organs, 1977; Pg 659-665
/EMJ/			Elsevier; Catherine Bothe Almquist, Sun-Tak Hwang; THE PERMEATION OF ORGANOPHOSPHORUS COMPOUNDS IN SILICONE RUBBER MEMBRANES; Journal Of Membrane Science; Vol 153, 1999; Pgs 57-69
/EMJ/			J. Phys. Chem; George W. Wagner, Olga B. Koper, Erik Lucas, Shawn Decker, Kenneth J. Klabunde; REACTIONS OF FX, GD, AND HD WITH NANOSIZE CaO: AUTOCATALYTIC DEHYDROHALOGENATION OF HD; American Chemical Society; Vol 104, 2000; Pgs 5118-5123
/EMJ/			Department of Chemistry, Kansas State University; Abbas Khaleel, Pramesh N. Kapoor, Kenneth J. Klabunde; NANOCRYSTALLINE METAL OXIDES AS NEW ADSORBENTS FOR AIR PURIFICATION; NanoStructured Materials, Vol 11, No. 4, 1999; Pgs 459-468
/EMJ/			Department of Chemistry, Kansas State University; E.M. Lucas, K.J. Klabunde; NANOCRYSTALS AS DESTRUCTIVE ADSORBANTS FOR MIMICS OF CHEMICAL WARFARE AGENTS; NanoStructured Materials, Vol 12, 1999; Pgs 179-182
/EMJ/			J. Phys Chem; George W. Wagner, Phillip W. Bartram, Olga Koper, Kenneth J. Klabunde; REACTIONS OF VX, GD, AND HD WITH NANOSIZE MgO; American Chemical Society, Vol 103, 1999; Pgs 3225-3228
/EMJ/			Department of Chemistry, Kansas State University; Olga B. Koper, Isabelle Lagadic, Alexander Voledin, Kenneth J. Klabunde; ALKALINE-EARTH OXIDE NANOPARTICLES OBTAINED BY AEROGEL METHODS, CHARACTERIZATION AND RATIONAL FOR UNEXPECTEDLY HIGH SURFACE CHEMICAL REACTIVITIES; Chemistry of Materials, Vol 9, Number 11, 1997; Pgs 2468-2480

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

/Edward M. Johnson/ (08/27/2007)

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 Relevant Pages, and Date and Place of Publication)**

/EMJ/		Department of Chemistry, Kansas State University; Kenneth J. Klabunde, Jane Stark, Olga Koper, Cathy Mohs, Dong G. Park, Shawn Decker, Yan Jiang, Isabelle Lagadic, Dajic Zhang; NANOCRYSTALS AS STOICHIOMETRIC REAGENTS WITH UNIQUE SURFACE CHEMISTRY; J. Phys Chem, Vol 100, 1996; Pgs 12142-12153
/EMJ/		Langmuir; P. Somasundaran, E. Fu, Qun Xu; COADSORPTION OF ANIONIC AND NONIONIC SURFACTANT MIXTURES AT THE ALUMINA-WATER INTERFACE; Langmuir Center for Colloids and Interfaces, 1992; Pgs 1065-1069
/EMJ/		Department of Chemistry, Kansas State University; Yong-Xi Li, Kenneth J. Klabunde; NANOSCALE METAL OXIDE PARTICLES AS CHEMICAL REAGENTS, DESTRUCTIVE ADSORPTION OF A CHEMICAL AGENT SIMULANT, DIMETHYL METHYLPHOSPHONATE, ON HEAT-TREATED MAGNESIUM OXIDE; Langmuir, Vol 7, No. 7, 1991; Pgs 1388-1393
/EMJ/		Miami Valley Laboratories; Paul M. Holland; NONIDEAL MIXED MONOLAYER MODEL; American Chemical Society, 1986; Pgs 102-115
/EMJ/		Applied Surface Science; Zhenghe Xu, Qingxia Liu, J.A. Finch; SILANATION AND STABILITY OF 3-AMINOPROPYL TRIETHOXY SILANE ON NANOSIZED SUPERPARAMAGNETIC PARTICLES: I. DIRECT SILANATION; Elsevier Science, Vol 120, 1997; Pgs 269-278
/EMJ/		American Chemical Society; Chuntao Cao, Alexander Y. Fadeev, Thomas J. McCarthy; REACTIONS OF ORGANOSILANES WITH SILICA SURFACES IN CARBON DIOXIDE; Langmuir, Vol 17, 2001; Pgs 757-761

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